

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
KRAMER et al.) Applications
)
)
Serial No. Not Assigned)
)
)
Filed:)
)
For: USE OF CHROMAN DERIVATIVES IN COSMETIC OR
 DERMATOLOGICAL PREPARATIONS

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows.

IN THE CLAIMS

Please amend the claims as shown in the attached sheets.

R E M A R K S

The claims have been amended to eliminate multiple dependency. No new matter has been added. A clean copy of the claims is attached.

Entry of the above amendment is respectfully solicited.

Respectfully submitted,

KEIL & WEINKAUF

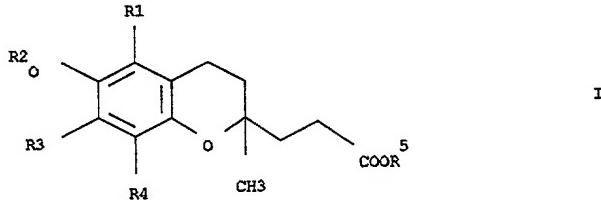


Herbert B. Keil
Reg. No. 18,967

1101 Connecticut Ave., N.W.
Washington, D.C. 20036
(202)659-0100

CLEAN VERSION OF AMENDED CLAIMS - OZ 0050/52049

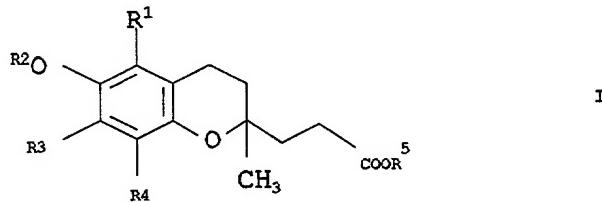
4. The use as claimed in claim 1 for prophylaxis against aging processes of the human skin.
6. The use as claimed in claim 1 for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1, wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I



in which the substituents R¹ to R⁵ have the meanings defined according to claim1.

MARKED UP VERSION OF AMENDED CLAIMS - OZ 0050/52049

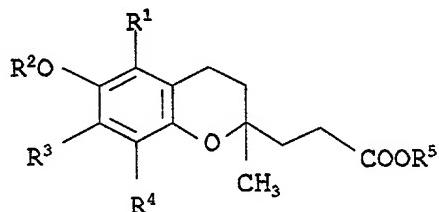
4. The use as claimed in claim 1 [any of claims 1 to 3] for prophylaxis against aging processes of the human skin.
6. The use as claimed in claim 1 [any of claims 1 to 3] for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1 [any of claims 1 to 6], wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I



in which the substituents R¹ to R⁵ have the meanings defined according to claim 1 [either claim 1 or 2].

CLAIMS AS FILED - OZ 52049

1. The use of chroman derivatives of the formula I,



in which the substituents, independently of one another, have the following meanings:

R¹ is hydrogen, C₁-C₁₂-alkyl,

R² is hydrogen, C₁-C₁₂-acyl,

R³ and R⁴

are hydrogen, C₁-C₁₂-alkyl,

R⁵ is hydrogen, C₁-C₁₂-alkyl, aryl

in cosmetic or dermatological preparations.

2. The use of chroman derivatives as claimed in claim 1, in which

R¹ is hydrogen, C₁-C₃-alkyl,

R² is hydrogen, C₁-C₃-acyl,

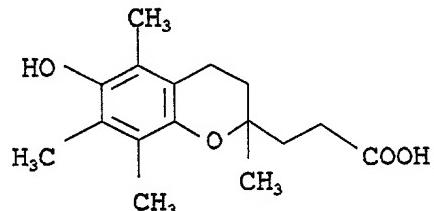
R³ and R4

are C₁-C₃-alkyl and

R⁵ is hydrogen, C₁-C₃-alkyl.

CLAIMS AS FILED - OZ 52049

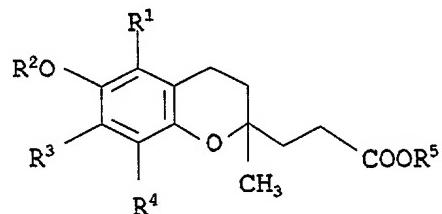
3. The use of a chroman derivative as claimed in claim 1 having the formula Ia



Ia.

4. The use as claimed in claim 1 for prophylaxis against aging processes of the human skin.
5. The use as claimed in claim 4 for prophylaxis against dry skin, wrinkle formation and/or pigment disorders.
6. The use as claimed in claim 1 for prophylaxis against aging processes of human hair.
7. The use as claimed in claim 1, wherein at least one of the compounds of the formula I is present in an effective content in cosmetic preparations.
8. The use as claimed in claim 7, wherein at least one of the compounds of the formula I is present in concentrations of from 0.01 to 30% by weight, based on the total amount of the cosmetic preparation.
9. A cosmetic preparation for protecting the human epidermis or human hair, which comprises, in a cosmetically suitable carrier, a cosmetically effective amount of at least one of the compounds of the formula I

CLAIMS AS FILED - OZ 52049

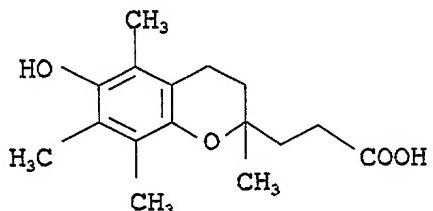


I

in which the substituents R¹ to R⁵ have the meanings defined according to claim

1.

10. A cosmetic preparation as claimed in claim 9, comprising a cosmetically effective amount of the compound of the formula Ia



Ia.